

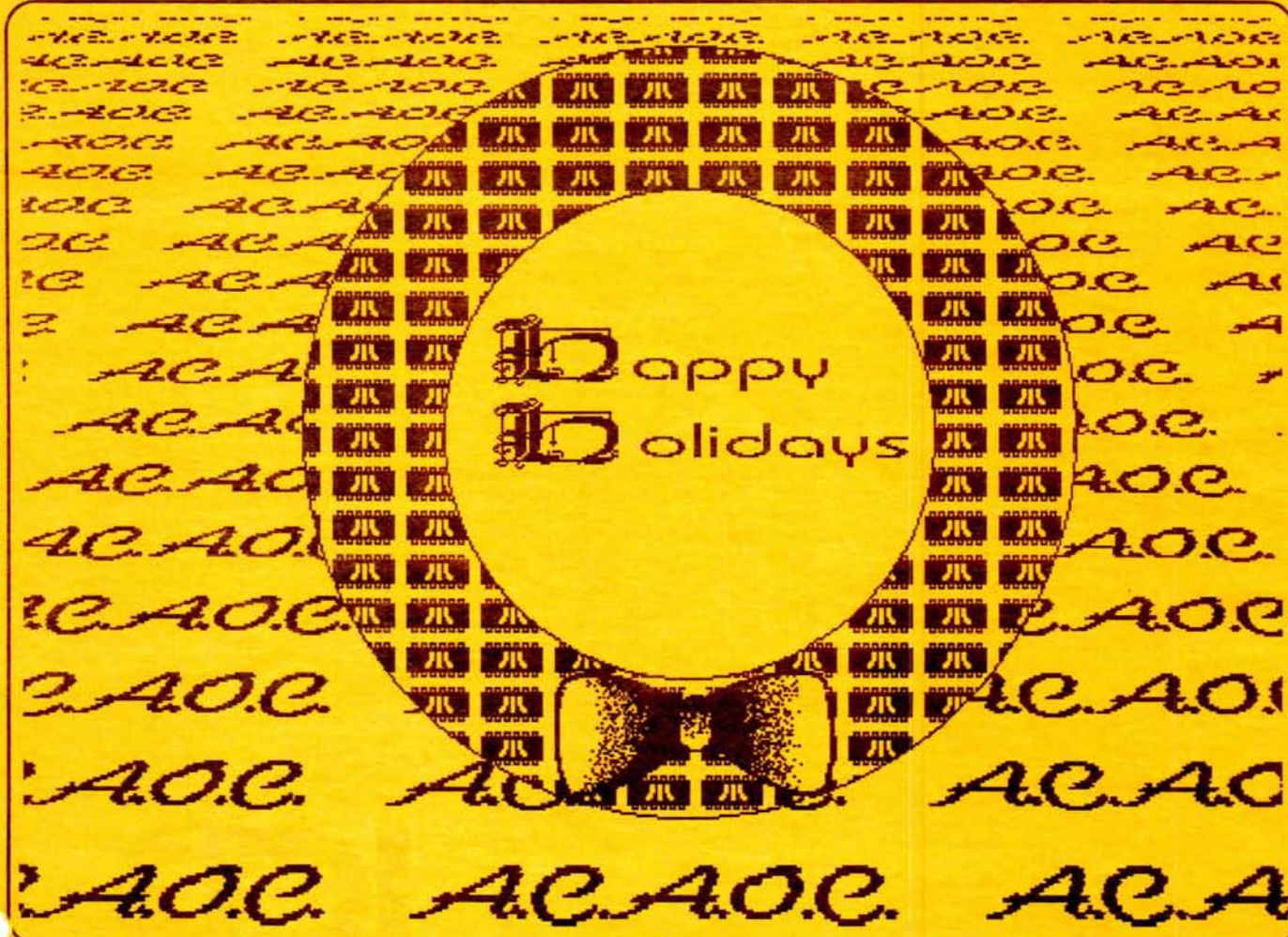


OrnJuice

*Atari Computer
Association of
Orange County*

Volume 8, Number 6

December 1987



ACAOC OrnJucE

Volume 8, Number 6

December, 1987

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by Bob Brodie, ACAOC President

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This month's cover art was done by Kevin
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All articles are available on Atari 400/800/1200/XL/XE 5.25" and Atari ST 3.5" format disks to other publications sending a blank disk and a self-addressed, stamped envelope.

The deadline for OrnJuce article submissions is no later than the 24th of the month preceeding that issue.

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I strongly feel that real need for the eight bit is to have some people sit down and be pioneers again. Not expect to get rewarded financially right away, if ever. But rather to sit down and undertake a project that would be so good, and so well down that it would catch the eye of commercial producers. It has happened before, you know. Keith Ledbetter wrote a program in ACTION called 1030 Express! that became the eight bit terminal program of choice. It grew and evolved, finally supporting the 850 Interface with 850 Express! and went through at least three other revisions that I know of. The Express! series of telecommunications programs blow away the commercial programs. None of them have given the flexibility, speed, ease of use, or the support that Express provides a user. The reward for Keith has only been some shareware contribution on his efforts with Express, but it opened some doors for him. He next authored BBS Express! also for the 300 baud Atari modems. This was also done in ACTION! and it was some time before he put out an 850 Version of the program. (I understand the 850 Version took about 15000 lines of code!) I bought it, and was impressed with the way that he set things up for sysops. Even more impressive was the "bullet-proof" reliability of BBS Express. It simply doesn't crash. It wasn't long before there were all kinds of boards up and running BBS Express. BBS Express was Keith's first commercial venture that I know of, but it left his mark on the Atari community, and impressed ICD. So much so that they hired him to program for them. He put out a new BBS for the ST based on his eight bit version (BBS Express ST!), and is still continuing to work on eight bit products for ICD.

So now, the question is who will be the next Keith Ledbetter? Who will write the database that will tap all that unused potential for the 8 bit Atari? Or the art program that will take us to the next level, or the music program, or making even create a GEM-like environment for us to work in? The market can support such a venture, and developers will reward such efforts. But YOU must take the first step by writing the

program. I know that there are companies still actively marketing 8 bit programs, such as XLENT Software. They have always been known for their printer utilities, but last year released a full featured word processor for the eight bit. ANTIC is always on the prowl for new things (they even sell the same PD stuff that we sell...just for more!) and of course, the king of the eight bits, OSS! There have been some programs in the public domain that really caught the eye of some people, like DAISY-DOT which was written in compiled Turbo Basic. Personally, I preferred FONTMASTER by our own Mike Fulton (written in ACTION!).

There are plenty of opportunities for good programming in the eight bit realm, a couple of guys are now sending out a terrific word processor for the eight bit called TEXT-PRO. I first exposed our club to TEXTPRO when I was still the eight bit librarian. I offered it as the flip side of the disk of the month with Turbo Basic to kind of sneak it in to you. Doug Ewell told me how pleasantly surprised he was to check out the flip side of the disk and find this really great word processor waiting for him to use. I have never seen an eight bit Thesaurus, maybe that would be a good project to undertake. Or maybe all this is still a little ambitious for you. Fine, how about making something mesh with another existing program, like Templates for Syncalc or SynFile? Or maybe a collection of form letters for business use? Maybe an enhancement for Print Shop, like printing print shop address labels from a database file? Of course, I am not nearly as creative as you are. What would you like? Maybe an improvement to the Computereyes digitizer software, or the Magniprint poster programs? It's up to you, and world awaits your efforts anxiously!

On the ST Side

I have been underwhelmed by the support of Atari for the ST users. The AtariFest gave me a chance to rub elbows up close with some developers for the ST. These guys have some really bonafide complaints about the way that the ST is

done in the past. However, there is some good stuff out there, and we will be taking advantage of it. One of the articles in this month's edition is a review of FontMaster, a program that Mike Fulton wrote. The review is from New Jersey. I get a real sense of satisfaction on that, you see Mike gave me the honor of uploading his program to the major online services. I sent it to GENie first, then CompuServe, finally to Delphi. The program made its way to New Jersey right out of my home telephone lines...kinda neat, huh? We will need more help to put this thing out in a good fashion. All perspective editors, feel free to apply. Again, we owe a large debt to Bill and Erika Bentley, who allow us to use their home as a gathering place for these projects. Thanks, it means more to me than you'll ever know.

Along with losing Mike, we have also lost two other good friends of our club. The Software Cellar BBS has shut down. This outstanding BBS was run for over three years by Al Cheser. It was the second BBS I called after I got my modem. Always a source of great programs, lively debates, neat on line graphics, and some great deals. Al is still running his business, but has shifted his emphasis to the Amiga. His Amiga BBS is up and running at (714)77-AMIGA with a 40 Meg hard drive and supporting 2400 baud. I know he would welcome you online anytime, it should be a great place to swap pictures and MAC files. Lastly, Cal Com has gone out of business. I have not been able to speak with Roger yet to confirm what has happened, or if we will see him incarnated into another business, perhaps mail order. It really is a tremendous blow though. I really appreciated his service, advice, and insights.

BBS Blues

We have been experiencing a lot of problems with the BBS of late. I feel the time has come to make some other changes. One of the things we'll change is the software. We will soon be running BBS Express ST! courtesy of ICD. I have already distributed the manual to our sysops, and they are really excited about the capabilities

of the software. One of the real exciting things is the choice of 40 column support for our 8 bit users. I had hoped for a change in this from the Michtron BBS, but that seems to be a low priority with them. The forced 80 column mode is really rough on an 8 bitter, along with the recent trouble we have weathered with the program. Other features of BBS Express ST include the ability to write online games, have up to 32 download directories, 32 message bases, ATASCII emulation, and of course support from ICD online via their own BBS or on GENie. In the literature they sent us, ICD indicates that there will be some online game files on their BBS, as well as on GENie. We'll be looking for those real soon. In the words of John Barreras, "This is a cool BBS!" Look for it soon. This along with the added storage of 20 Megabytes, courtesy of Paul Wu (total 30 Megs online now) and I'm also working on a deal for a 2400 baud modem, should all combine to make the OrnJuce BBS a great board.

FLASH!

The December Meeting will feature a special guest from Astra Systems, makers of the Astra HD+ hard disk drive.

Meeting Time and Place:

December 13, 1: pm
Rancho Santiago College

Bob Brodie - Atari Planetarium
Shirlee Lewis - Worms
Erik Brown - Star Gate poster
Sharon Brown - Centipede mobil
Jay Cogar - Ballblazer poster

***** Point of interest *****

The CD rom from Atari is already here.
It is in the warehouse waiting to be shipped.

***** Note *****

Next meeting will be our Christmas meeting. We would like members to bring cookies or punch or some other refreshment to give this meeting that Christmas spirit. There will be no snackbar at this meeting.

MUGS! WE HAVE MUGS! WE HAVE LOTS AND LOTS OF MUGS!

In September we invested in 200 travel cups. We had hoped to sell them at AtariFest Ver. 2.0. Due to several glitches that did not happen. ACAOC has a fair amount of money invested in them. We are offering them to our members for \$2.00 each. You can have your choice of inserts or may choose to personalize them as you want.

We will have them available at the December meeting.

EDUCATIONAL SOFTWARE CONTEST!!!

The A.C.A.O.C. libraries announce a contest to develop modules for a Computer-Aided Instruction library. This contest, using a program that allows you to write and run "programmed instruction" packages, is open to all A.C.A.O.C. members and a limited number of "sponsored" friends.

The program involved is an 8-bit program, but the ST library will make it available using the ST 8-Bit Emulator. To enter, you must purchase the program from the library at the \$4.00 Disk of the Month price. This purchase entitles you and your immediate family to enter as many modules

as you wish. It also entitles you to "sponsor" one non-club member to enter as well. We would like to see some good packages coming in from teachers and other education-oriented people. (Take this opportunity to show them what a good learning tool an Atari can be.)

The program was available as the 8-bit Disk of the Month at the November meeting, and will be available at the December meeting as well. The ST version should also be available then. Either version can also be ordered by phone from Sharon Brown (639-7079). (As a bonus, the 8-bit disk also includes an excellent program called "The Cell" that illustrates and describes the structures found in a typical animal cell.) Official contest rules are available for anyone who wants them.

An entry must be educational, but not necessarily academic. Any area of knowledge that you would like to share with others is acceptable (unless it promotes illegal activities.) Minor errors in spelling, punctuation, etc., will be overlooked in judging and cleaned up before "publication," so don't let that worry you. Let's see some of your creative talents.

Each ACAOC family and each sponsored non-member who enters will receive a choice of one of the following (one per family or sponsored entrant no matter how many modules are submitted):

1. The complete set of contest entries.
2. Any other disk of your choice from the 8-bit or ST library.
3. An ACAOC commuter coffee mug.

The contest deadline is Sunday, January 9, 1988. This is the date of our January meeting. Entries may be turned in at the meeting, mailed to me (call for the address), or uploaded to the club BBS. The winning entry will be awarded a choice of an ST educational software title, and 8-bit educational software title, or a custom digitized picture T-shirt.

Out of all this confusion, I have developed a series of goals for the library. How quickly and effectively I can accomplish them is anybody's guess, but here is what I hope to do.

1. Organize all the material we currently have on disk, old and new, into a series of standard disk sides. Each of these disk sides will contain a group of related programs (i.e., arcade-type games, music, graphics demos, disk utilities, etc.). These disks will be set up to be as user-friendly as possible. Programs on these disks will be available only as part of the standard disk sides.

2. Test the disk programs, and when necessary and possible, upgrade or update them. These changes may include correcting spelling, updating information, and fixing errors in program logic that cause a program to malfunction.) Non-functional programs that I am unable to fix, and that don't seem worth the effort of tracking down someone who can, will be discarded from the library.

3. Catalog the disk library and provide descriptions of all programs. Make catalog listings available indexed by disk and by individual program for ease of use.

4. Set up a system to make new downloads and contributions immediately available, while not committing them to a standard disk side until enough related programs become available to fill it. This will avoid "miscellaneous" disks that will need reorganization later.

5. Provide monthly updates to the disk library catalog and to the GENIE listings. Programs will be removed from the GENIE listings as soon as they are downloaded, or as soon as I discover that they are programs we already have. New listings will be downloaded frequently and added to the previous materials.

6. Find adequate means to disseminate library catalogs and updates to all who want them. The "round-robin" catalog dissemination scheme was fairly successful, but premature. Already the listings have

listings are virtually useless.

7. Provide Disks of the Month which will justify their extra cost by being high in quality, available in sufficient quantities at the meetings, and not available through the regular club library system (at regular prices) for three months after they appear as D.O.M.'s.

8. Offer periodic discounted package specials from the Disk Library.

The first twenty-one standard library disk sides have been completed and catalogued. (In many cases, such as the remaining Analog disks, the sides are ready to copy but the cataloguing process has not caught up with them.)

ST LIBRARY REPORT

by Garry Jones

In my last report, I said the ST Public Domain Library catalog would be made available for free, and would be circulated through the mail among club members wanting a copy. Well, the first try at this resulted in the disappearance of the disk. What happened? Did the post office lose the disk? Or did someone pocket it? If the catalog is going to continue to be available for free, it will take some cooperation among members. If you sign up to receive the catalog, please copy the disk and mail it on to the next person on the list enclosed with the disk. This way, everyone can get a copy for the cost of an envelope and a thirty nine cent stamp.

Disk of the Year?

The July disk of the month was supposed to contain three games: DGDB (otherwise known as The Great German Videogame), Azarian 2, and Breakanoid. Unfortunately, Rick Meredith, who had agreed to demonstrate the disk, was out with mononucleosis. Since I'm a miserable game player (and hadn't the slightest idea how to even begin playing DGDB), I bailed out on showing the games, so there was no disk of the month for July.

AZARIAN2, and BREAKANOID made up the disk of the month again (one more time...) This time, there were plenty of joysticks on hand, and Rick's girlfriend, Angelique, did the honors in demonstrating DGDB. Rick took over to show AZARIAN2 and BREAKANOID, and Rick and Angelique were given a round of applause when the demos were finished. Success... And I didn't have to do the demos, either...

DGDB is a maze type game, and as you try to guide your game character through the maze in search of bags of gold, you are besieged by dozens of small demon-like characters. The idea is to grab as much gold as possible while running through the maze. If you make it through, you move to a slightly more difficult maze and repeat the process. There are twenty five to thirty different screens in the game, and at start up, you can choose to begin with the first screen or to have the order of the screens randomized.

AZARIAN2 is an arcade style shoot-em-up game. You can control the speed and direction of your space ship, and when you encounter any sort of foreign ship or asteroid, try to blast the sucker. The screen displays both the craft and a near view of the solar system, as well as a star map to help in finding other craft to blast, and the amount of energy remaining for your ship's use.

BREAKANOID is version of Steve Wozniak's classic game BREAKOUT. You have a moveable paddle with which to hit a ball towards a wall, and when the ball hits the wall, one of the bricks disappears. The object of the game is to hit as many bricks as possible, until you can hit the ball through the wall.

New and Improved!

On another subject, I've recently swapped a considerable amount of material with ST X-PRESS magazine and have about fifty new disks of programs to sort and catalog for the library. While it's going to take a few months to complete this process, some of the newest additions to the library are fifteen

disks full of new Tiny format pictures, plus several disks full of Spectrum pictures. If you haven't seen any Spectrum pictures yet, you owe it to yourself to check these out. Spectrum is a new paint program from Antic which allows forty eight colors per scan line with up to 512 colors on a low resolution screen chosen from a palette of over 3000 colors. These images are spectacular, approaching photographic realism in quality.

GEM Autobooter

Other new additions to the library include BOOTMAKER, a program which will autoboot any GEM program; MENU_KIT, a tool kit for creating a custom opening menu (great for hard disk users); DCFORMAT from Double Click software, a formatting program which can write and copy just about any format for the ST, including normal, fast, extended, IBM, or Magic Sac formats, and which can also create a boot disk capable of setting clock time, turning write verify off, selecting medium resolution, forcing a cold start on reset, or automatically loading COMMAND.PRGM, a command line interface provided with Atari's developer's kit; and DISKMECH, one of the best sector editor and disk repair tools around, public domain or commercial.

Also, the library has the latest version of ST WRITER, version 2.3. ST WRITER now features limited usage of GEM, providing pull down menus and access to desk accessories through the opening screen, and supporting use of the mouse for cursor positioning and screen scrolling within the wordprocessor.

A slightly newer version of ST TALK (pre-release version 0.97 instead of version 0.95) has been added to the Telecom section of the library. Version 0.97 has most of the features of the commercial version of ST TALK, including macros and autodialing, and, best of all, does not require TOS on disk to operate. For a beginning telecommunicator, this is an excellent program to start out with.

Finally, Atari has released new versions of the control panel and VT52 emulator.

processors were my first interest. Then other application programs related to preparing manuscripts beckoned to me. But I could not help noticing that Atari programs were not nearly as available as programs for other computers. And the instructions for using the programs and computers (which were called by a weird jargon word "documentation") were not written for "the compleat idiot" like me!

However, I eventually began to discover a lot of things that could be done with the Atari that were fun. And I discovered how to get around many of the limitations of the programs. In short, I began to discover the joys of "tinkering."

The eight-bit Atari is a Model T Ford. With its elegant operating system and eight bit 6502 chip, it was state of the art when it came out. Well engineered, it was tough. But the "average Joe" could figure it out, albeit with some work.

Although, the eight-bit does not have the power of the larger machines, and although most of the major software firms are dropping it, the XL/XE series still has a fanatical following. That following consists of several types. A) the XE first time buyer like me who wants an inexpensive word processor; B) the game player who buys the pre-eminent game computer available; and C) the user who bought the system when it was the most powerful home computer available and who has considerable money/time invested in software, modifications and programs. And the Atari invites the tinkerer.

So beginners, use the Atari for the purpose you bought it. But be aware that there is much more to the Atari than first meets the eye. The user groups are a mine of dedicated types who can help you "tinker" and have fun learning such things as programming. Keep trying to get through and around the strange jargon and keep your sense of humor. The user group members are extremely generous with their time and will not treat you as if you are an idiot for not understanding the basics.

THE MORE THINGS CHANGE THE MORE THEY STAY THE SAME (version)

(We are the Ones Who Change)

by **Thomas Mason**

Viewer of the Passing Scene

My wife started on a typewriter at 60 words per minute and moved to 100 words per minute in a matter of one year. Then she went to computers and word processing. We had to buy expensive word processing software and she had to learn and remember "ALL THOSE COMMANDS" with strange syntax, and if they were not just right, the machine wouldn't work. Then there was WEEPING and WAILING and GNASHING OF TEETH. "I hate this machine," would come out of the den. "HATE, HATE, THIS DAMN MACHINE." NOW, she is able to use the strange syntax and she uses the computer at 100 wpm.

BUT MAN SHALL NOT LIVE BY WORD PROCESSING ALONE

Other programs were needed and we could only afford an ATARI. WHY? The cost of update boards, more memory, color, and costly software added up to more than a totally new machine, software, etc. How about the hate of learning new commands and syntax, and the generation of more HATE?

Now it's Miller time and in comes GEM and promises a new hope of ease. We got the 520STFM home and my wife started to fool with the mouse and "this new type of program" and SHAZAM! She was typing away in 15 minutes on the "new, fast, colorful, or full of color, sleek machine." After a month, the newness wore off and mousing was too slow. She wanted a word processor that was faster with no hands-off-the-keyboard effort, so I started to look for a word processor that would give power and no mousing to slow things down.

I returned to my friendly neighborhood ATARI dealer and looked at six word processors and found an "Old gem" (no pun intended?) that would fill the bill in all my wife's requirements. Her files can be used

FONT MASTER

by Doug Van Hook - JACG

Reprinted from the August, 1987 issue of JACG, (THE JERSEY ATARI COMPUTER GROUP)

With an overwhelming response to the disk library's program 'DAISY DOTS', I thought we could review another utility program called "FONT MASTER." FONT MASTER will run on any 8-bit Atari with at least 48K.

Font Master was written in ACTION by Mike Fulton, of Cypress, California. In the documentation he does offer to provide continued support for the program and requests a small donation.

This superb program was designed to print out files, Atariwriter included, in any of 28 styles of font. It will also print all the graphic characters. Another bonus is the ability to print SYNCALC Spreadsheets sideways using ANY of the available character sets. FONT MASTER provides 28 different Character Sets to choose from, and prints at either 960 dots per line, or at 1920 dots per line.

To use the program I simply (A) loaded it, (B) asked for a directory, (C) loaded the font called cursive, and (D) printed the file called README.DOC. What could be easier than that?

The author claimed that the fonts could be used with other programs, so I immediately loaded TYPESETTER and successfully loaded all but one of the character sets to the screen. 27 of 28 ain't bad!

One of the fonts, TRAIN.FNT, will replace selected characters in your text with tiny railroad vehicles. It is up to you to DECODE the missing characters by each word's use in the sentence. Dave Noyes should try printing a few articles this way.

Move over DAISY DOTS, I think we've got you now. Here are the menu selections for FONT MASTER:

- 1 - Print Text File
 - 2 - Line Width (Characters per line)
 - 3 - Load Character Set
 - 4 - Change Character Set
 - 5 - Top/Bottom Margins
 - S - Sideways Syncalc Print
 - D - Dots per line (Printer Resolution)
 - P - Change Printer (Epson FX/Gemini)
 - M - Disk Directory
 - Q - Quit Program
-

We feel that Mike Fulton really deserves an unsolicited pat on the back. We are very fortunate to have such a talented programmer as a member. We sometimes forget to look in our own backyard.

COMPATIBILIZING YOUR EPSON PRINTER

by Bill Bentley

When I bought an ST and installed it next to my 800, I naturally assumed that I could switch my faithful old Epson MX printer between the two computers without any problem. This turned out to be not quite true.

It seems that the 800 programs, like Letter Perfect and Data Perfect, do not send a "Line Feed" character along with each "Carriage Return." Instead, they demand that the Epson automatically provide that action. The Epson is happy to do this as long as switch 2-3, inside the printer, is set to ON. Thus, the first thing everyone had to do when they bought an Epson for the 800 was take it apart and set that switch.

Now comes the ST, and apparently most of its programs, such as the screen dump and Easy-Draw (but not HabaWriter) provide their own Line Feeds. This requires that switch 2-3 be set to OFF, because, believe me, Easy-Draw pictures look very strange when printed out with an automatic Line Feed.

The answer to this is not to buy another printer or to keep a crochet hook handy to probe inside the Epson for the switch. It



NEW HOURS

NEW ST PACKAGES (AVAILABLE ONLY AT THE CES)

The CES is offering a **GREAT ST COLOR SYSTEM** WHICH HAS OVER \$200.00 FREE SOFTWARE. Offer is effective from SUNDAY 29 NOVEMBER -- SUNDAY 6 DECEMBER
520ST color package with \$219.85 FREE SOFTWARE for \$999.00.

Software included are the THREE most popular programs available for the ST
WORD WRITER ST BY TIMEWORKS
\$89.95

PRINTMASTER PLUS BY UNISON
WORLD \$39.95

PHASAR PROFESSIONAL HOME ACCOUNTING SYSTEM AND REGISTER BY ANTIC \$89.95

1040ST COLOR PACKAGE WITH \$219.55 FREE SOFTWARE FOR \$1199.00

SOFTWARE IS THE SAME AS ABOVE.

HOLIDAY HOURS THANKSGIVING DAY 26, NOV--CLOSED

SPECIAL CHRISTMAS HOURS

30 NOVEMBER--20 DECEMBER

Monday-Friday 10:30AM-7:00PM
Saturday 10:30AM-5:00PM
Sunday 12:00PM-4:30PM

21 DECEMBER--23 DECEMBER

MONDAY-WEDNESDAY 10:30AM-8:00PM
CHRISTMAS EVE 24 DEC 9:00-12 NOON

NEW YEARS EVE 31 DEC 0900-1200 HRS

FROM 1 JAN 1988-3 JAN 1988 WE WILL BE CLOSED

Have a Very Safe and Joyous New Year

NEW CES HOURS AS OF 4 JANUARY 1988

Monday-Friday 10:00AM-6:30PM
Saturday 10:00AM-5:30PM
SUNDAY 12 NOON-4:30PM

COMPUTER CLASSES AT THE CONSUMER ELECTRONIC STORE

The CES will offer computer classes at its Fullerton location starting the week of January 11 (Monday), 1988. We think we have a great line-up of classes and super people who will be teaching them. Here is a schedule of classes for January 1988.

YOU AND THAT #!*\$#! ST. GETTING STARTED taught by Terry Palus. Terry has extensive computer experience going back to the first days of micro computers. Terry is a programmer and consultant.

The course will be taught at the introduction and intermediate levels. He will discuss starting up and getting going. The ST's operating system will be covered. Basic operating procedures, tips, hints and utilities for the ST all will be topics for discussion.

REGISTRATION, MEETINGS AND FEES INTRODUCTION LEVEL

There shall be three one hour class meetings with the first class convening 11 JAN 1988 at 7:30PM. The next two meetings will meet on 18 and 25 January.

Registration will take place at the CES and will close when class is filled. CLASS SIZE IS LIMITED. We are able to accommodate only 10 people at a time. The fee for this course is \$30.00.

INTERMEDIATE LEVEL

There shall be three one hour classes. The meeting time will be at 7:30PM on 14, 21, and 28 JANUARY.

REGISTRATION IS LIMITED. Only 10 people can be accommodated. The fee for this course is \$40.00.

WORDPROCESSING AND THE ST USING ST WRITER 1.75 THIS WILL BE A BASIC COURSE FOR BEGINNERS ONLY. Writer and teacher, Dorothy Freeman will show basic operating procedures and some very helpful tips she has learned.

REGISTRATION, MEETINGS AND FEES
Registration will take place at the CES. There will be three one hour classes. Meetings will take place on Wednesdays, the 13, 20, and 27 January 1988 at 7:30PM. CLASS SIZE IS LIMITED. Only 10 people can be accommodated. Class fee is \$30.00.

CALL US AT (714) 477-83001